

Title (en)
Electric car air-conditioning apparatus.

Title (de)
Klimaanlage für ein elektrisches Fahrzeug.

Title (fr)
Dispositif de climatisation pour un véhicule électrique.

Publication
EP 0621146 A2 19941026 (EN)

Application
EP 94106245 A 19940421

Priority
JP 9402393 A 19930421

Abstract (en)
An electric car air-conditioning apparatus, which is small in size and capable of preventing abnormal heating upon occurrence of a failure and preventing damage when a capacitor (11) is connected with its polarity reversed, provided with a current-conduction detecting device (9) for detecting the operation of current conduction of a current conducting device (8) for charging the capacitor (11) with a current from a battery (2), and a power breaking device (4) for breaking a current from the battery (2), wherein a control section (6) actuates the power breaking device (4) to break the current from the battery (2) in the case where the current-conduction detecting device (9) detects the operation of current conduction for a period longer than a predetermined time when the control section (6) is not outputting a control signal for closing a switching device (3) through which power is supplied from the battery (2) to drive a motor-driven air compressor (5), and in the case where the current-conduction detecting device (9) detects the operation of current conduction when the control section (6) is outputting the control signal for closing the switching device (3). <IMAGE>

IPC 1-7
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IPC 8 full level
B60H 1/00 (2006.01); **B60H 1/32** (2006.01); **B60L 1/00** (2006.01); **B60L 3/00** (2006.01); **H02H 9/00** (2006.01); **H02J 7/00** (2006.01); **H02H 7/00** (2006.01)

CPC (source: EP US)
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Cited by
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